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PATENT APPLICATION

SUBSTITUTE SPECIFICATION
FOR NATIONAL PHASE SUBMISSION

CLEAN VERSION

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ABSTRACT

[0073] A valve has a piezo actuator, a valve element, a valve body and a valve seat. At a predeterminable point in time, the valve element is controlled by a discharging process of the piezo actuator from a position in which it rests against the valve seat to a predetermined position located at a distance from the valve seat. The discharging process is divided into a first discharging period during which a predetermined first amount of electrical energy is discharged from the piezo actuator, a subsequent holding time period during which the piezo actuator is not controlled, and a subsequent second discharging period during which a predetermined second amount of electrical energy is discharged. The holding time duration and/or the first discharging period are/is adapted according to the course of a value that is not characteristic of the oscillation behavior of the piezo actuator during the holding time period.